

NEW APPLICATION TRANSMITTAL

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 24, 2004 under "EXPRESS MAIL" mailing label number EV 44336 7566 US.

Janet M. Stevens
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17119 U.S. PTO
032404
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of:

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Title: GAS SENSOR

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

36 Page(s) of Specification
4 Page(s) of Claims
1 Page(s) of Abstract
17 Sheets of Formal Drawings (Figs. 1-17)

B. Other Papers Enclosed

☒ A Patent Application Bibliographic Data Sheet
☒ A Preliminary Amendment
☒ A combined Declaration and Power of Attorney

22387 U.S. PTO
10/807859
032404

- ☒ An Information Disclosure Statement
☒ PTO Form-1449
☒ An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd.
 2-56, Suda-Cho, Mizuho-Ku
 Nagoya-City, Aichi-Prefecture 467-8530
 Japan

2. Additional Papers to Follow Under Separate Cover

- ☒ A Submission of Certified Copy of Priority Document and a certified copy of:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2003-096625	March 31, 2003
Japan	2004-072027	March 15, 2004

3. The correspondence address for this application is: Customer No. 025191

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4. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

- ☐ Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- ☐ Applicants hereby request that the attached application **not** be published under 35 U.S.C. 122(b).

5. The filing fee has been calculated as shown below:

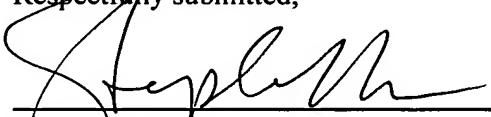
Basic Filing fee (37 CFR §1.16(a))				\$ 770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	11 - 20 =	0	× \$ 18.00	\$.00
Independent Claims	1 - 3 =	0	× \$ 86.00	\$.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$.00
Surcharge fees (37 C.F.R. 1.16(e)–\$130.00)				
<input type="checkbox"/> late payment of filing fee <i>and/or</i>				\$.00
<input type="checkbox"/> late filing of original declaration or oath				
TOTAL OF ABOVE CALCULATIONS =				\$ 770.00

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$.00
SUBTOTAL =	\$ 770.00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d))--\$130.00)	\$.00
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h))--\$40.00)	\$ 40.00
TOTAL FEES DUE =	\$ 810.00

6. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

- ☒ A check in the amount of \$810.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,


 Stephen P. Burr
 Reg. No. 32,970

March 24, 2004
 Date

SPB:jms

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